Transport Canada Aviation
Transports Canada Aviation

TP3910E

Vol #1

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

GAS GENERATOR MODULE LOG BOOK

Second Edition

January 1987

Canada

GAS Generator

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Available through your local bookseller or by mail from
Canadian Government Publishing
Communication Canada
Ottawa (Ontario)
KIA OS9

Telephone: (613) 941-5995
Orders only: 1-800-635-7943 (Canada and U.S.A.)
Fax: (613) 954-5779 or 1-800-565-7757 (Canada and U.S.A.)

Internet: http://publications.communication.gc.ca

Catalogue No. : T52-2365/3

ISBN : 0-660-11857-2

Reprinted 1988, 1989, 1991, 1993, 1994, 1995, 1998, 1999, 2003

ENGINE LOG

1.	Make	Pratt & Whitney Canada Corp
2.	Model	PT6A- 66
3.	Specification	B/S: 676 E.T.C E-21
4.	Manufacturer's Serial Number	PCE- RK0125
5.	Date of Manufacture	OCTOBER 2004
6.	Aircraft Inspection Cycle	

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →								
13-OCT-2004	0	0	0	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.	This Gas Generator module is combined with Power Section. S/N: PS-RK0125 NG/√0 34950 Rpm, at 850 Shp/δ√0 ITT Trim: 0.0 C° T5 Trim resistance: ∞ Ohms	R. MEUNIER	T.C. 4-58 NO. 044
05/11/04	0	0	0	0	THIS ENGINE HAS BEEN INSTALLED ON A/C P180 S/N 1092 (ON RH SIDE).			RP 32
05/11/04	0	0	0	0	THIS ENGINE HAS BEEN FILLED WITH OIL MOBIL JET II MIL-L-23699.			RP 32
11-DEC-2004	5	40			REPLACED FLOW DIVIDER P/N 3038472 : REMOVED S/N 9959524023, INSTALLED S/N 9959524042			P50
					REPLACED FUEL NOZZLE P/N 3119855-01A (Qty 13) AND P/N 3119856-01A (Qty 1)			P50
03-JAN-2005	18	45			REPLACED FUEL CONTROL AS PER P&WC S.B. No. 14365 : REMOVED P/N 3120832-02 S/N 13962958			P50
					INSTALLED P/N 3120832-05 S/N 14066372 [TCCA 24-0078 B0667892-000001 703850]			P50
					CARRIED FORWARD			
TOTAL THIS PAGE								
TOTAL FROM PREVIOUS SUMMARY								
TOTAL SINCE MFG.								

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →							

avantair

DATE: 08/25/06
ENG P/N: PT6A-66
SN: PCE-RK0125
ENG TSN: 1739.6
ENG CSN: 1368
POSITION: (#2)
ACFT: N109SL/1092
ACTT: 1739.6
ACTC: 1364

GAS GENERATOR

COMPLIED WITH 150, MINOR & 600 (BORESCOPE) HOUR ENGINE INSPECTIONS. R/R ENG, FUEL NOZZLES 13 ea, REF: P & w DIR (08/23/06) W.O. #140862. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP 2380 TURBINE OIL. SECURITY LEAK AND FUNCTION CHECKS PERFORMED WITH NO FAULTS FOUND.
MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M.M AND THE AVANTAIR P180 AAIP SECTION 2 PAGE 2.
COMPLIED WITH ENGINE HOT SECTION INSPECTION
ENGINE APPROVED FOR SERVICE.

AUTHORIZED SIGNATURE: _____ A[illegible] 3119874

avantair

DATE: 10/07/06
ENG P/N: PT6A-66
SN: PCE-RK-0125
ENG TT: 1883.0
ENG TC: 1470
POSITION: (#2)
ACFT N109SL/1092

GAS GENERATOR

COMPLIED WITH 150 HOUR MINOR INSPECTION. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP 2380 II TURBINE OIL. SECURITY LEAK AND FUNCTION CHECKS PERFORMED WITH NO FAULTS FOUND.
MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M/M.
ENGINE APPROVED FOR SERVICE

AUTHORIZED SIGNATURE: _____ A/P 2842513

avantair

DATE: 11/21/06
ENG P/N: PT6A-66
SN: PCE-RK-0125
ENG TT: 2029.9
ENG TC: 1579
POSITION: (#2)
ACFT N109SL/1092

GAS GENERATOR

COMPLIED WITH 150 HOUR MINOR INSPECTION. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP 2380 II TURBINE OIL. SECURITY LEAK AND FUNCTION CHECKS PERFORMED WITH NO FAULTS FOUND.
MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M/M.
ENGINE APPROVED FOR SERVICE

AUTHORIZED SIGNATURE: _____ 3110874 A-P

avantair

DATE: 12/21/06
ENG P/N: PT6A-66
S/N: PCE-RK0125
ENG TSN: 2174.1
ENG CSN: 1687
POSITION #2
ACFT: N109SL/1092
ACTT: 2174.1
ACTC: 1682

GAS GENERATOR

*COMPLIED WITH 150 HOUR MINOR INSPECTION. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP2380 TURBINE OIL. SECURITY LEAK AND FUNTION CHECKS PERFORMED WITH NO FAULTS FOUND.MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M/M.
ENGINE APPROVED FOR SERVICE

AUTHORIZED SIGNATURE: _____ A+P 2842513

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TOTAL SINCE MFG.		

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND MAINTENANCE RECORD

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avantair

DATE: 02/04/07
ENG P/N: PT6A-66
S/N: PCE-RK0125
ENG TSN: 2318.7
ENG CSN: 1794
POSITION #2
ACFT: N109SL/1092
ACTT: 2318.7
ACTC: 1791

GAS GENERATOR

COMPLIED WITH 150, MINOR & 600 (BORESCOPE) HOUR ENGINE INSPECTIONS. R/R ENG, FUEL NOZZLES 13 ea. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP 2380 TURBINE OIL. SECURITY LEAK AND FUNCTION CHECKS PERFORMED WITH NO FAULTS FOUND. MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M.M .
ENGINE APPROVED FOR SERVICE.

AUTHORIZED SIGNATURE: [signature] AP3139Y4952

avantair

DATE: 3/18/07
ENG P/N: PT6A-66
S/N: PCE-RK0125
ENG TSN: 2455.2
ENG CSN: 1884
POSITION #2
ACFT: N109SL/1092
ACTT: 2455.2
ACTC: 1881

GAS GENEATOR

***COMPLIED WITH 150 HOUR MINOR INSPECTION. INSTALLED A PT6 O-RING KIT. SERVICED ENGINE WITH BP2380 TURBINE OIL. SECURITY LEAK AND FUNCTION CHECKS PERFORMED WITH NO FAULTS FOUND.MAINTENANCE DONE I/A/W PRATT & WHITNEY PT6A-66 M/M.**
ENGINE APPROVED FOR SERVICE

AUTHORIZED SIGNATURE: [signature] 93546187

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ENGINE SERVICE AND MAINTENANCE RECORD

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BROUGHT FORWARD →								

avantair®

N109SL	SERIAL #: 1092	AC TSN: 2602.2	WO # 635
DATE: 4/27/07	Pratt & Whitney- PT6A-66	AC CSN: 2002	
	SERIAL #: RK0125	ENG TSN: 2602.2 TSO:	
	POSITION: #2	ENG CSN: 2005 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] License Number 3184442 A&P

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TOTAL SINCE MFG.					

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avantair

N109SL	SERIAL #: 1092	AC TSN: 2749.1	WO # 1023
DATE: 6/26/07	Pratt & Whitney- PT6A-66	AC CSN: 2117	
	SERIAL #: RK0125	ENG TSN: 2749.1 TSO:	
	POSITION: #2	ENG CSN: 2121 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R P3 Filter Element P/N P-1018
- 250 Hour Borescope Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature PM Nye License Number 93546187

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avantair

N109SL	SERIAL #: 1092	AC TSN: 2895.6	WO # 1310
DATE: 8/4/07	Pratt & Whitney- PT6A-66	AC CSN: 2211	
	SERIAL #: RK0125	ENG TSN: 2895.6 TSO:	
	POSITION: #2	ENG CSN: 2215 CSO:	

Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Sundstrand Fuel Pump In-Situ Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- 400 Hr Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles P/N 3119855-01
- R/R Oil Filter Element P/N 3028419

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

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MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

V/17/2007/SAT 03:45 AM P. 003/006

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Avantair-Camarillo CMA

N109SL	SERIAL #: 1092	AC TSN: 3134.7	WO # 1985
DATE: 11/12/07	Pratt & Whitney- PT6A-66	AC CSN: 2383	
	SERIAL #: RK0125	ENG TSN: 3134.7 TSO:	
	POSITION: #2	ENG CSN: 2387 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- 400 Hour Borescope Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] Certificate Number 261570221 [illegible]

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TOTAL SINCE MFG.		

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN	TIME SINCE OVERHAUL	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER

avantair

N109SL	SERIAL #: 1092	AC TSN: 3281.2	WO # 2206
DATE: 12/24/07	Pratt & Whitney- PT6A-66	AC CSN: 2480	
	SERIAL #: RK0125	ENG TSN: 3281.2 TSO:	
	POSITION: #2	ENG CSN: 2484 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3028419

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

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MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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avantair

N109SL	SERIAL #: 1092	AC TSN: 3428.4	WO # 2552
DATE: 1/31/08	Pratt & Whitney- PT6A-66	AC CSN: 2577	
	SERIAL #: RK0125	ENG TSN: 3428.4 TSO:	
	POSITION: #2	ENG CSN: 2581 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test
- 400 hr Engine Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] Certificate Number [illegible]

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avantair

N109SL	SERIAL #: 1092	AC TSN: 3578.7	WO # 2875
DATE: 3/11/08	Pratt & Whitney- PT6A-66	AC CSN: 2677	
	SERIAL #: RK0125	ENG TSN: 3578.7 TSO:	
	POSITION: #2	ENG CSN: 2681 CSO:	

Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Sundstrand Fuel Pump In-Situ Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- 400 Hr Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles P/N 3119855-01

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] Certificate Number HP 3184442

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avantair

N109SL	SERIAL #: 1092	AC TSN: 3724.1	WO # 3170
DATE: 4/16/2008	Pratt & Whitney- PT6A-66	AC CSN: 2776	
	SERIAL #: RK0125	ENG TSN: 3724.1 TSO:	
	POSITION: #2	ENG CSN: 2780 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] Certificate Number MP3184442

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BROUGHT					

avantair®

N109SL	SERIAL #: 1092	AC TSN: 3861.3	WO # 3465
DATE: 6/12/2008	Pratt & Whitney- PT6A-66	AC CSN: 2881	
	SERIAL #: RK0125	ENG TSN: 3861.3 TSO:	
	POSITION: #2	ENG CSN: 2886 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Control P/N 8063-016 S/N Off: 14066372 S/N On: 13991223
- R/R Fuel Pump P/N 825601-5 S/N Off: 006932 S/N On: 0149

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [signature] Certificate Number AAP3184442

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TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →								

avantair

Avantair Camarillo CMA

N109SL	SERIAL #: 1092	AC TSN: 4009.8	WO # 3893
DATE: 7/29/2008	Pratt & Whitney- PT6A-66	AC CSN: 2996	
	SERIAL #: RK0125	ENG TSN: 4009.8 TSO:	
	POSITION: #2	ENG CSN: 3008 CSO:	

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Engine Oil Filter P/N 3059258-01

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature _____ Certificate Number HP3184444

CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.10

PT6A-66 S/N:PCE-RK0125 OVERHAUL TEST RECORD

2009 JUL 31 TEST CELL : 0502

TESTED AS PER OH MANUAL REV (26) APPLICABLE SB :

FINAL VANE FLOW AREAS FIRST STAGE : 7.08

SECOND STAGE : 2S2 24.05

PERFORMANCE DATA		TAKE-OFF REP SPEC	TAKE-OFF ACTUAL	PART-POWER REP SPEC	PART-POWER ACTUAL
PROP SPEED		2000.	2000.		2000.
S.L.S. STD.DAY POWER		850.	850.		650.
I.T.T. (T5A TRIMMED)	DEG R	1681.	1649.		1621.
T5D (DERIVED)	DEG R	1742.	1635.		1605.
GAS GEN. SPEED	RPM	35261	35050.		34550.
SFC @ 18400 BTU/LB	LB/SHP.HR	0.691	0.660		0.766
PRESSURE RATIO @ 34500	RPM	7.91	7.35		

FUEL TYPE : CPW 204
TEST LHV : 18524. BTU/LB
S.G. :0.805 @ 72. DEG F

OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.00 LB/HR
T.O. OIL PRESSURE : 115.7 PSI
OIL TEMPERATURE : 154 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 0.0 DEG F
I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 0.0 DEG C
I.T.T. TRIM CLASS : 20
TRIM RESISTANCE : ∞ OHMS
COLD HARNESS RESISTANCE : 0.00 OHMS
B.O.V. SEAT CLASS AS TESTED : 12
B.O.V. SEAT CLASS AS SHIPPED : 16

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM
UNTRIMMED MAX NG : 39000 RPM
DATA PLATE SPEED : 35050. RPM
IDLE SPEED : 20316 RPM
ACCEL. TIME F.I. TO MAX @ T1 : 2.47 SECS @ 68.6 DEGF
ENGINE DRY WEIGHT : N/A LBS.

THE UNDERSIGNED CERTIFIES THAT THIS IS AN ACCURATE RECORD OF THE EVENTS DURING THE TEST OF SECTION PCE-RK0125....

DATE July 31, 09 TEST CELL OPERATOR : 130

INSPECTOR OR CERTIFIED OPERATOR :

TEST ACCEPTED
DATE JUL 3 1 2009
CLAUDE MONGRAIN SC 10
P&WC SVCE CENTRE

Service Centre St-Hubert
T.C. AMO Approval No. 20-00

Pratt & Whitney Canada Corp.
7007 Chemin de la Savane
St-Hubert, Quebec,
Canada J3Y 3X7

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 159367 Customer: Avantair
Module Name: GAS GENERATOR MODULE Print Date: 31-JUL-2009
Model: PT6A-66 Page: 001 of 001
Serial Number: RK0125

Document No.	Revision #	Class	Description
SB 14360 000	00	3	INTERCONNECT ROD - INSPECTION OF.

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: L. MOORE SC 63 P&WC SVCE CENTRE

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.05

PT6A-66 S/N:PCE-RK0125 OVERHAUL TEST RECORD

2008 OCT 31 TEST CELL : 0502

TESTED AS PER OH MANUAL REV (25) APPLICABLE SB :

FINAL VANE FLOW AREAS FIRST STAGE : 7.08

SECOND STAGE : 2S2 24.02

PERFORMANCE DATA		TAKE-OFF SPEC	TAKE-OFF ACTUAL	PART-POWER SPEC	PART-POWER ACTUAL
PROP SPEED		2000.	2000.		2000.
S.L.S. STD.DAY POWER		850.	850.		650.
I.T.T. (T5A TRIMMED)	DEG R	1681.	1651.		1617.
T5D (DERIVED)	DEG R	1740.	1640.		1605.
GAS GEN. SPEED	RPM	35150	34700.		34300.
SFC @ 18400 BTU/LB	LB/SHP.HR	0.683	0.663		0.770
PRESSURE RATIO @ 34500	RPM	7.91	7.95		

FUEL TYPE : CPW 204

TEST LHV : 18534. BTU/LB

S.G. : 0.817 @ 46. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.0 LB/HR

T.O. OIL PRESSURE : 118.9 PSI

OIL TEMPERATURE : 153 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 0.0 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 0.0 DEG C

I.T.T. TRIM CLASS : 20

TRIM RESISTANCE : ∞ OHMS

COLD HARNESS RESISTANCE : 0.00 OHMS

B.O.V. SEAT CLASS AS TESTED : 12

B.O.V. SEAT CLASS AS SHIPPED : 16

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM

UNTRIMMED MAX NG : 39000 RPM

DATA PLATE SPEED : 34700. RPM

IDLE SPEED : 20175 RPM

ACCEL. TIME F.I. TO MAX @ T1 : 2.27 SECS @ 41 DEGF

ENGINE DRY WEIGHT : N/A LBS.

THE UNDERSIGNED CERTIFIES THAT THIS IS AN ACCURATE RECORD OF THE EVENTS DURING THE TEST OF SECTION PCE-RK0125.

DATE Oct. 31, 2008 TEST CELL OPERATOR : W 93

INSPECTOR OR CERTIFIED OPERATOR : W 48

REFER TO OVERHAUL TEST RECORD SHEET DATED 31-JULY-2009.

TEST ACCEPTED

DATE OCT 3 1 2008

CLAUDE MONGRAIN P&WC SVCE CENTRE SC 10

Liste de vérifications du moteur - série PT6A-
PT6A- Engine Check List

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000 Marie Victorin
Longueuil, Québec
Canada J4G 1A1

P&WC 9442 (2003-11)

- Ce moteur est muni de l'équipement standard figurant sur la liste illustrées des pièces de P&WC, sauf exception mentionée sur le présent document.

- This unit is complete with standard equipment as listed in the P&WC Illustrated Parts List except as noted herein.

Conteneur - Container	
Couvercle - Cover	NEW
Palette - Skid	GOOD
Berceau - Cradle	GOOD
Manchon- Sleeve	NEW
N° de série du conteneur de métal / Metal Container SN	

Client / Customer: AVANTAIR Modèle de P&WC / P&WC Model: PT6A-66

Section Motrice / Power Section	N° de série (sur la plaque signalétique)	P/S-RK0125	Bon de commande / Sales Order No.:	155100
Unités à n°s de série - Serialized Units	N° de pièce - Part Number	N° de série - Serial Number	TSN/TSO	Remarques - Remarks
Régulateur d'hélice / Propeller Governor	3118495-03	16312258	TSN: 0.0	NEW
Régulateur de turbine de puissance / Power Turbine Governor				N/A
Régulateur survitesse d'hélice / Propeller Overspeed Governor				N/A
Limiteur de couple / Torque Limiter				N/A
Valve de mise en drapeau automatique / Auto Feather Valve				N/A
Générateur de tachymètre / Tach Generator				N/A

Livret Section Motrice / Power Section Log Book	Quantité - Quantity	Couleur - Colour	Type
	1	YELLOW	CANADIAN

Section du générateur de gaz / Gas Generator Section	N° de série (sur la plaque signalétique)	PCE-RK0125	Bon de commande / Sales Order No.:	155100
Unités à n°s de série - Serialized Units	N° de pièce - Part Number	N° de série - Serial Number	TSN / TSO	Remarques - Remarks
Compensateur de temperature / Temperature Compensator				N/A
Pompe à carburant / Fuel Pump	825601-5	0149	TSO.:211.9	REPAIRED
Régulateur de carburant / Fuel Control	8063-016A	13991223	TSO.:211.9	REPAIRED
Échangeur thermique / Oil to Fuel Heater	10585K	WA21195	TSO.:0.0	OVERHAULED
Échangeur thermique / Fuel to Oil Cooler				N/A
Commande de démarrage / Starting Control				N/A
Régulateur d'allumage (haute énergie) / Ignition Regulator (Exciter)	10-381550-4	NNA04267624	TSO.:0.0	OVERHAULED
Vanne de décharge compresseur / Compressor Bleed Valve	3059835-01	AHX001911	TSO.:0.0	OVERHAULED
Vanne de décharge compresseur / Compressor Bleed Valve				N/A
Diviseur de débit/soupage de décharge / Flow Divider / Dump Valve	26130-2	9959524042	TSO.:O.O	OVERHAULED
Clapet antiretour / Check Valve	3038242	PWC08L2678	TSO.:O.O	OVERHAULED

Livret générateur de gaz (moteur) / Gas Generator (Engine) Log Book	Quantité - Quantity	Couleur - Colour	Type
	1	YELLOW	CANADIAN

Remarques /Remarks:

Vérifié par (nom et timbre) - Checked out by (name & stamp)	Date	Vérification final (nom et timbre) - Final Inspection (name & stamp)	Date
F.CHENIER 1020	31-Oct-08	A.R.PEPIN SC86	31-Oct-08

NA = Sans objet / Not Applicable — NR = Non reçu / Not Received — SL = Non expédié / Ship Less — TSN = Temps depuis neuf / Time Since New — TSO = Temps depuis révisions / Tine Since Overhaul

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
ROTOR - COMPRESSOR	EPDEH	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3040942	TXA1A5164	31	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 74

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation: Temps / Time	Cumul. de cette installation / Accumulated This Installation: Cycles	Cumul. jusqu'à présent / Total Accumulated To Date: Temps / Time	Cumul. jusqu'à présent / Total Accumulated To Date: Cycles	Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

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450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
ROTOR-COMPRESSOR	EPDEC	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3037001	EAAA000F565	8	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 74

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation: Temps / Time	Cumul. de cette installation / Accumulated This Installation: Cycles	Cumul. jusqu'à présent / Total Accumulated To Date: Temps / Time	Cumul. jusqu'à présent / Total Accumulated To Date: Cycles	Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

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450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
ROTOR - COMPRESSOR	EPADA	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3040944	TXA1A5399	68	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 7A

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation		Cumul. jusqu'à présent / Total Accumulated To Date		Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
					Temps Time	Cycles	Temps Time	Cycles		
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
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1000, Marie-Victorin
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450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
ROTOR COMPRESSOR	EPDBR	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3040933	EAAA000F872	13	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 7A

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation		Cumul. jusqu'à présent / Total Accumulated To Date		Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
					Temps Time	Cycles	Temps Time	Cycles		
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
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J4G 1A1
450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
DISC-TURBINE	EPDHB	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3053740-01	A001L27Y	NIL	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 74

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation: Temps / Time	Cumul. de cette installation / Accumulated This Installation: Cycles	Cumul. jusqu'à présent / Total Accumulated To Date: Temps / Time	Cumul. jusqu'à présent / Total Accumulated To Date: Cycles	Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique des pièce à durée de vie limitée
Life Limited Parts History Record

Pratt & Whitney Canada
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450-677-9411

P&WC JR3_6904_E (2007-05)

Centre de revision
Service Center

Désignation de la pièce / Part Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	N° de bulletin de vente / Sales Order No.	Service
IMPELLER-CENTRIFUGAL	PZBLH	2008.10.31	155100	Overhaul

Numéro du matériel / Material Number	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New	Manuel & Révision / Manual & Revision
3036898	EAAA000H272	094	4,073.2	3,059	SB14002 REV.19

Timbre du vérificateur / Inspection Stamp: SC 74

Données sur le moteur / module - Engine / Module Data					Données sur le matériel - Material Data					
Temps depuis neuf à l'installation du matériel / Engine/Module TSN When Material Installed	Cycles depuis neuf à l'installation du matériel / Engine/Module CSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps depuis neuf à l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation: Temps / Time	Cumul. de cette installation / Accumulated This Installation: Cycles	Cumul. jusqu'à présent / Total Accumulated To Date: Temps / Time	Cumul. jusqu'à présent / Total Accumulated To Date: Cycles	Date	Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur) Référence / Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection Stamp) Reference
4,073.2	3,059	RK0125	PT6A-66							

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
7007, Chemin De La Savane
St. Hubert, Quebec
Canada J3Y 3X7

Liste des pièces remplacées
List of Parts Replaced

Dossier qualité - Quality Record

P&WC JR3_6934_E [6934] (2004-10)

Date 31.10.2008

Nº de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
RK0125	GG	PT6A-66	155100	Avantair

Nº de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
EXCHANGE				
3040931CL07	COMPRESSOR - TURBINE STATOR, ASSY OF	1		
3108781-01	HOUSING ASSY-SCAVENGE PUMP	1		
3118471-01	COMPRESSOR STATOR-1ST STG, ASSY OF	1		
NEW				
3014791	SPRING-HLCL,CPRSN,.572X.072X14 COILS	1		
3026785	TUBE-FUEL PRESSURE,PRIMARY,ASSY OF	1		
3029268	FILTER ELEMENT (IC)	1		
3032096	IGNITER (IC)	1		
3033736	HOSE-NONMETALLIC	1		
3036777	SEAL-FACE OPTION (IC)	1		
3038419	TUBE-FUEL PRESS. PRIMARY, ASSY OF	1		
3039465CL22	SHROUD SEGMENT-COMPRESSOR TURBINE	10		
3045458-01	OIL LEVEL SENSOR/IND ATOR	1		
3057818-01	RING - SEALING, POWER TURBINE HOUSING	1		
3059046-01	SEAL-PL,.9375 SFT DIAX1.4375X.312	1		
3059258-01	FILTER ELEMENT OPTION (IC)	1		
3070389-01	RING-SEALING,CPRSR TURBINE SHROUD	1		
3070391-01	RING-SEAL,COMPRESSOR TURBINE VANE	1		
3100936-01	SPRING-HELICAL COMPR.,.734X.122X16.	1		
3102409-01	SPRING-HELICAL, COMPRESSION	1		
3102685-01	ELBOW - TUBE TO BOSS .4375-20 X .5625-18	1		
3107549-01	TIE ROD-COMPRESSOR ROTOR .375-24UNJF	1		
3108085-02	SEAL-AIR COMPRESSOR ,ROTOR	1		
3109287-01	STRAINER ELEMENT-OIL NOZZLE,ASSY OF	1		
3109686-01	SEAL-TUBE RETAINING	2		
3112606-01	WASHER-CUP,1.467 DIA NOM	1		
3112608-01	SPACER-OIL SLINGER	1		
3113607-01	SPRING-EXPANDER	1		
3118591-01	BLADE-TURBINE	43		

Page suivant
Cont'd

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
7007, Chemin De La Savane
St. Hubert, Quebec
Canada J3Y 3X7

Liste des pièces remplacées
List of Parts Replaced

Dossier qualité - Quality Record

P&WC JR3_6934_E [6934] (2004-10)

Date 31.10.2008

Nº de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
RK0125	GG	PT6A-66	155100	Avantair

Nº de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
3119836-01	CABLE-IGNITION EXCITER TO IGNITER	2		
3120816-01	SEAL-PLAIN, .865 DIA X 1.3805 X .312	1		
3123386-01	RING-SEALING,COMPRESSOR	1		
AK66-10	Kit Assy	1		
AK66-100	Kit Assy	1		
AK66-15	Kit Assy	1		
AK66-20	Kit Assy	1		
AK66-25	Kit Assy	1		
AK66-30	Kit Assy	1		
AK66-35	Kit Assy	1		
AK66-40	Kit Assy	1		
AK66-45	Kit Assy	1		
AK66-46	Kit Assy	1		
AK66-5	Kit Assy	1		
AK66-50	Kit Assy	1		
AK66-55	Kit Assy	1		
OVERHAUL				
3024286	SPACER ASSY-SCAVENGE PUMP	1		
3037278	BEARING OPTION (IC)	2		

Fin du document
End-of-document

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →								

avantair

Removed

N109SL	SERIAL #: 1092	AC TSN: 4073.2	WO # 4109
DATE: 8/24/08	Pratt & Whitney	AC CSN: 3047	
PT6A-66	SERIAL #: RK0125	ENG TSN: 4073.2 TSO:	
	POSITION: #2	ENG CSN: 3059 CSO:	

Authorized Signature CRS# Number V2JR078L

OCT 3 1 2008

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

Registre de maintenance
Maintenance Log
Centre de service révision – St Saint-Hubert
Service Centre St-Hubert

Pratt & Whitney Canada
Une société de United Technologies/A United Technologies Company

Pratt & Whitney Canada Cie./
Pratt & Whitney Canada Corp.
7007, chemin de la Savane
St. Hubert, Québec
Canada J3Y 3X7

P&WC 6481 (2004-05)

Fabricant - Manufacturer:	DesignationDésignation - Description:	Modèle; - Model:	Nº de série - Serial No.:
PRATT AND WHITNEY CANADA	TURBOPROP GAS GENERATOR MODULE	PT6A-66	PCE-RK0125

Bon de vente - Sales Order:	TSN	CSN	Depart SSN	FSN
155100	4073.2	3059	N/A	N/A
Travail effectué - WorkPerformed:	**TSO**	**CSO**	**SSO**	**FSO**
OVERHAULED	0.0	0	N/A	N/A

THIS GAS GENERATOR MODULE HAS BEEN OVERHAULED, MODIFIED, TESTED AND PROCESSED IN A/W PT6A-66 OVERHAUL MANUAL REV. 25, DAA APPROVED DATA AND SPECIFICATION NO. G-PT6ALL REV. 1.4.
1) ALL AD'S WERE VERIFIED. NO AD'S APPLY TO THIS MODULE.
2) NEW C.T. BLADES (QTY. 43) INSTALLED THIS VISIT.
3) FUEL NOZZLE SET WAS OVERHAULED IN A/W PT6A-66 OVERHAUL MANUAL.
4) NEW OIL AND FUEL FILTERS INSTALLED.
5) MATED AND TESTED WITH POWER SECTION MODULE S/N: PS-RK0125, S/O: 155100.
(P.T. VANE RING AREA: 24.02 CAVITY: 2S2).
(C.T. VANE RING AREA: 7.08)
6) TEST RUN PERFORMED AND FOUND SATISFACTORY.

October 31, 2008
Date

Vérificateur autorisé
Authorized Inspector T.C. AMO No. 20-00

CLAUDE MONGRAIN SC 10
P&WC SVCE CENTRE

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND MAINTENANCE RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →							
					CARRIED FORWARD		

avantair

Installed

N147SL	SERIAL #: 1083	AC TSN: 5245.2	WO # 88-N147SL
DATE: 2/14/09	Pratt & Whitney	AC CSN: 3862	
PT6A-66	SERIAL #: RK0125	ENG TSN: 4073.2 TSO: 0.0	
	POSITION: #2	ENG CSN: 3059 CSO: 0	

Authorized Signature [signature] CRS# Number V2JR078L

	HRS.	MIN.
TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAXIMUM HOURS BETWEEN OVERHAULS__________HOURS.

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD →								

 # 2 Engine Logbook **WO: 293-N147SL** **04/18/2009**
N147SL - Piaggio P-180, S/N 1083
Airframe Hours: 5334.5 **Airframe Landings:** 3912
 # 2 Engine Hours: 4162.5
 # 2 Engine Cyc/Lndgs: 3109

Complied with the Following Items: **Pratt & Whitney PT6A-66 S/N PCE-RK-0125**

12.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 2)72-00-00
14.000 Complied with 720007 P3 Air Filter Inspection (Engine 2)72-00-00
16.000 Complied with 720011 Power Turbine Blade Inspection (Engine 2)72-00-00
18.000 Complied with 790005 Engine Oil Filter Inspection (Engine 2)72-00-00
20.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 2)72-00-00

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
4311 General Howard Drive
Clearwater, FL 33762
Phone: 727-539-0071
Fax: 272-539-7007

Signed: _____
For Avantair, Inc.

					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD →					

avantair

 # 2 Engine Logbook **WO: 1165-N147SL** **06/08/2009**
N147SL - Piaggio P-180, S/N 1083
Airframe Hours: 5475.1 **Airframe Landings:** 4031
 # 2 Engine Hours: 4303.1
 # 2 Engine Cyc/Lndgs: 3228

Complied with the Following Items: **Pratt & Whitney PT6A-66 S/N PCE-RK-0125**

32.000 COMPLIED WITH #2 ENGINE APPLICABLE PORTIONS OF P&W PERIODIC INSPECTION GUIDE (150 HOUR) IAW P&W MM 72-00-00
32.001 Complied with 720007 P3 Air Filter Inspection (Engine 2)
32.002 Complied with 720011 Power Turbine Blade Inspection (Engine 2)
32.003 Complied with 790005 Engine Oil Filter Inspection (Engine 2)
32.004 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 2)
Maintenance Notes: Complied with

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
Camarillo, CA 93010
Phone: 805-383-1100
Fax: 805-383-2037

Signed: AXP 3028873
For Avantair, Inc.

avantair

Removed

N147SL	SERIAL #: 1083	AC TSN: 5475.1	WO # 1222-N147SL
DATE: 6/22/09	Pratt & Whitney	AC CSN: 4031	
PT6A-66	SERIAL #: RK0125	ENG TSN: 4303.1 TSO: 229.9	
	POSITION: #2	ENG CSN: 3228 CSO: 169	

Authorized Signature Certificate Number AXP3028873

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
LOGBOOK CLOSED BY P&WC SERVICE CENTRE ST. HUBERT, QUEBEC, T.C. AMO # 20 – 00		

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B), SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

DATE	A/D, S/B, S/I, MODS	DETAILS OF	WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE NUMBER
2004/10/13	CF-96-24 FAA A.D. 97-04-12	TO PRECLUDE MALFUNCTION OF THE COMPRESSOR BLEED OFF VALVE SB 1538R2, 3344, 4204, 12134, 13287 & 14251 OR THEIR LATER REVISION OR SUPERSEDING SB INCORPORATED AT MANUFACTURE. SIGNATURE LICENCE NUMBER DOT APPROVAL 4-58 T.C. 4-58 NO. 044			
2004/10/13.		FOR LIST OF S.B'S INCORPORATED SEE ATTACHED ENGINE BUILD RECORD STATUS REPORT SHEET. DOT APPROVAL 4-58 T.C. 4-58 NO. 044 NAME PRINTED: R. MEUNIER			
22-NOV-2004	SB No. 14360	"INTERCONNECT ROD - INSPECTION OF" COMPLIED WITH.			P50
03-JAN-2005	SB No. 14365	"FUEL CONTROL UNIT - REPLACEMENT OF" COMPLIED WITH.			P50
OCT 3 1 2008	S/O: 155100	NO "AD'S" APPLY TO THIS MODULE. "SB'S" INCORPORATED THIS VISIT.	REFER TO ATTACHED MOD LOG LISTING FOR	CLAUDE MONGRAIN SC 10 RWC SVCE CENTRE TC	AMO 20-00

Service Centre St-Hubert
T.C. AMO Approval No. 20-00

Pratt & Whitney Canada Corp.
7007 Chemin de la Savane
St-Hubert, Quebec,
Canada J3Y 3X7

List of Service Bulletins Incorporated This Visit

Sales Order: 155100 Customer: Avantair
Module Name: GAS GENERATOR MODULE
Model: PT6A-66
Serial Number: RK0125

Print Date: 31-OCT-2008
Page: 001 of 001

Document No.	Revision #	Class	Description
SB 14002 000	19	6	ROTOR COMPONENTS- SERVICE LIFE
SB 14360 000	00	3	INTERCONNECT ROD - INSPECTION OF.
SB 14364 000	02	6	FUEL CONTROL UNIT - REPLACEMENT OF
SB 14395 000	03	6	BOLTS & NUTS OF THE FCU CONNECTOR ROD -
SB 14408 000	02	7	CT ROTOR AIR SEAL - REPLACEMENT OF
SB 14411 000	02	5	BOLTS OF THE FCU CONNECTOR ROD-REPL.OF.
SB 14603 000	14	3	OPERATING TIME BETWEEN OVERHAUL & HOT
SB A14410 000	01	3	SPARK IGNITERS - INSPECTION OF

I hereby certify that the above modifications have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: _____ CLAUDE MONGRAIN SC 10 P&WC SVCE CENTRE

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-RK0125

ENGINE MODEL PT6A-66

BUILD SPEC 676

SERVICE BULLETINS

14005	14013	14014	14017	14019	14021	14022	14025	14026
14027	14032	14034	14036	14037	14038	14039	14042	14043
14047	14048	14051	14052	14055	14061	14067	14071	14072
14075	14077	14078	14080	14086	14087	14089	14092	14093
14094	14096	14097	14098	14100	14101	14103	14104	14105
14106	14107	14108	14110	14111	14112	14115	14117	14119
14122	14124	14125	14127	14129	14144	14145	14147	14156
14159	14163	14164	14165	14167	14168	14169	14174	14175
14182	14189	14198	14202	14207	14213	14214	14215	14216
14218	14219	14222	14223	14225	14233	14239	14244	14252
14253	14258	14259	14260	14266	14269	14272	14273	14275
14277	14280	14283	14289	14294	14295	14297	14299	14308
14314	14317	14329	14332	14333	14337	14342	14344	14346
14353	14361	14362						

R. MEUNIER

APPROVED BY : _____ T.C. 4-55 NO. 044

DATE : 2004.10.14

PO #					SALES ORDER
WA22290	Pratt & Whitney A United Technologies Company	DETAIL INSPECTION RECORD	8440 Tradeport Drive, Suite 105 Orlando, FL 32827 CRS# HN4D238M		146336
ISSUE DATE OR REV. NO MARCH 15, 2007					UNIT RIGHT ENGINE

PAGE 2 OF 2	CUSTOMER	MODEL	DATE	SERIAL
	P&WC ESP / AVANTAIR, INC.	PT6A-66	MAY 15, 2007	PCE-RK0125

ENGINE	TSN	CSN	TSO	CSO
	2643.9	2036	N/A	N/A

TOTAL QTY	PART NUMBER	PARTS REQUIRED PART NO	PARTS REQUIRED QTY	DESCRIPTION	QUANTITY OK	QUANTITY REW	QUANTITY SCR	S/N OFF	S/N ON	CONDITION AND/OR REWORK INSTRUCTIONS
1	3055663-01	---	---	CC Liner Assy, Outer	1	---	---	FTAA000A743	FTAA000A743	Inspected, Serviceable
1	3116790-01	---	---	CC Liner Assy, Inner	1	---	---	A001L2LB	A001L2LB	Inspected, Serviceable
13	3119855-01	3038495-X	1	Duplex Fuel Nozzle Assy.	12	1	---	---	---	Serviceable, Inspected – Quantity 1 Streaking
1	3119856-01	---	---	Inlet, Duplex Fuel Nozzle Assy.	1	---	---	---	---	Serviceable, Cleaned, Inspected & Spray Checked
4	3119920-01	---	---	Nozzle Sheath	4	---	---	---	---	Serviceable, Cleaned & Inspected
10	3102911-01	---	---	Nozzle Sheath	10	---	---	---	---	Serviceable, Cleaned & Inspected
28	3024731	AS3209-009	28	Strainer Element	28	---	---	---	---	Serviceable, Cleaned & Inspected
28	3011155	---	---	Fuel Transfer Tube	28	---	---	---	---	Serviceable, Cleaned & Inspected
14	3011158	---	---	Lock Bracket	14	---	---	---	---	Serviceable, Cleaned & Inspected
1	26130-2	AS3209-009	2	Fuel Flow Divider	1	---	---	9959524042	9959524042	Cleaned & Visually Inspected
2	CH34055	---	---	Igniter, Ignition	2	---	---	---	---	Serviceable - Inspected
1	3111764-01	---	---	CT Bolt	1	---	---	---	---	Inspected, Serviceable

CC LINER ASSEMBLY REMARKS

Cleaned and Inspected Inner CC Liner Assembly P/N 3116790-01 S/N A001L2LB, and Outer Liner Assembly 3055663-01 S/N FTAA000A743, Results Satisfactory. All Work Performed I/A/W The Pratt & Whitney Canada Maintenance Manual P/N 3036122 Revision 30 (dated Dec. 8, 2006), section 72-40-01.

FUEL NOZZLE ASSEMBLY REMARKS

Inspected, Pressure Tested, Spray Tested and Cross Manifold Leak Checked Fuel Manifold Assemblies. Found One (1) Nozzle Tip Streaking. Replaced Nozzle Tip and Re-Tested, Results Satisfactory. All Work Performed I/A/W The Pratt & Whitney Canada Maintenance Manual P/N 3036122 Revision 30 (dated Dec. 8, 2006), section 73-10-04 and 73-11-05.

The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations. This overhaul or repair does not include installation on an aircraft. Pertinent details of the repair are on file at this agency on the above work order.

DATE COMPLETED	MAY 21, 2007	DATE SHIPPED	N/A	AIRCRAFT REG #	N109SL	AIRCRAFT S/N	1092
APPROVED	MCO 8	INSPECTOR	MCO 5	DISTRIBUTION 1 – CUSTOMER 2 – SHOP 3 - FILE			

MCO/QA-001 (9/06)

#2 ENG
1095L

PO #					WORK ORDER
WA22290	Pratt & Whitney A United Technologies Company	DETAIL INSPECTION RECORD	8440 Tradeport Drive, Suite 105 Orlando, FL 32827 CRS# HN4D238M		146336
ISSUE DATE OR REV. NO MAY 15, 2007					UNIT RIGHT ENGINE

PAGE 1 OF 2	CUSTOMER	MODEL	DATE	SERIAL
	P&WC ESP / AVANTAIR, INC.	PT6A-66	MAY 15, 2007	PCE-RK0125

ENGINE	TSN	CSN	TSO	CSO	DISC	P/N	S/N	TTSN	TCSN
	2643.9	2036	N/A	N/A		3053740-01	A001L27Y	2643.9	2036

TOTAL QTY	PART NUMBER	PARTS REQUIRED PART NO	PARTS REQUIRED QTY	DESCRIPTION	QUANTITY OK	QUANTITY REW	QUANTITY SCR	S/N OFF	S/N ON	CONDITION AND/OR REWORK INSTRUCTIONS
1	3053974-01	---	---	CT Disk Assy	---	1	---	A001L27Y	A001L27Y	DIA. REC'D: 9.526" Skim cut and balanced.
1	3053740-01	---	---	CT Disk	1	---	---	A001L27Y	A001L27Y	Serviceable, clean and inspect.
43	3118591-01	---	---	CT Blades	43	---	---	---	---	Serviceable, clean and inspect.
---	---	3031660CL1	1	Balance Weight	---	---	---	---	---	Balance CT Disk
---	---	3031660CL5	2	Balance Weight	---	---	---	---	---	Balance CT Disk
---	---	AN123152	5	Balance Rivet	---	---	---	---	---	Balance CT Disk
---	---	AN123160	4	Balance Rivet	---	---	---	---	---	Balance CT Disk
1	3123302-01	---	---	Small Exit Duct	1	---	---	A001KWE9	A001KWE9	Serviceable, clean and inspect.
1	3040931	---	---	CT Vane Ring Assy	1	---	---	NB6715	NB6715	F/C REC'D: 7.17 Serviceable, clean and inspect.
1	3118089-01	---	---	CT Shroud Housing Assy	1	---	---	29254/28	29254/28	Serviceable, clean and inspect.
10	3039465CL12	3039465CL15	10	CT Shroud Segments	---	---	10	---	---	Restore tip clearance.
1	3123386-01	3123386-01	1	Internal Seal Ring	---	---	1	---	---	Fretting wear on sealing surface.
1	3057818-01	3057818-01	1	Power Output Sealing Ring	---	---	1	---	---	Fretting wear on sealing surface.
1	3112818-01	---	---	No. 2 Bearing Cover Assy	1	---	---	---	---	Serviceable, clean and inspect.
1	3024831	---	---	CT Vane Ring Lock Plate	1	---	---	---	---	Serviceable, clean and inspect.
1	3040572CL8	---	---	CT Air Baffle	1	---	---	---	---	Serviceable, clean and inspect.
1	3116281-01	---	---	No. 2 Bearing Hsg Cover Flange	1	---	---	---	---	Serviceable, clean and inspect.
28	MS9714-08	MS9714-08	28	Machine Bolt	---	---	28	---	---	Coating Loss
1	3070389-01	3070389-01	1	Seal, "W"	---	---	1	---	---	One time use
1	3070391-02	3070391-02	1	Seal, "C"	---	---	1	---	---	One time use

CT DISK ASSY REMARKS PART NUMBER 3053974-01 S/N A001L27Y CYCLES REMAINING 5,964 I/A/W SB: 14002 Rev. 17

Cleaned and Inspected CT Disk Assembly I/A/W Pratt & Whitney Canada Maintenance Manual P/N 3036122 Rev. 30 (Dated Dec. 08, 2006) section 72-50-02. Removed Detail Weights. Skim Cut and Balanced CT Disk Assembly I/A/W Pratt & Whitney Canada Overhaul Manual P/N 3036123 Rev. 23 (Dated Dec. 01, 2006) Section 72-50-02. Disk O.D. 9.516" Concentricity .001". Trim Weights E06N, G27N Installed Per Data Plate.

SMALL EXIT DUCT ASSY REMARKS

Disassembled, Cleaned and Inspected Small Exit Duct Assembly. Reassembled Using 10 Each New Shroud Segments P/N 3039465CL15, 1 Each New Internal Seal Ring P/N 3123386-01 and 1 Each New Power Output Seal Ring P/N 3057808-01. Pre-ground Shroud Segments to an Average Tip Clearance of .018". All work Performed I/A/W Pratt & Whitney Canada Maintenance Manual P/N 3036122 Rev. 30 (Dated Dec. 08, 2006) section 72-50-01.

The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations. This overhaul or repair does not include installation on an aircraft. Pertinent details of the repair are on file at this agency on the above work order.

DATE COMPLETED	MAY 21, 2007	DATE SHIPPED	N/A	AIRCRAFT REG #	N109SL	AIRCRAFT S/N	1092
APPROVED	MCO 8	INSPECTOR	MCO 5	DISTRIBUTION 1 – CUSTOMER 2 – SHOP 3 - FILE			

MCO/QA-001 (9/06)